

REMARKS

Claims 1-4, 6-10, 12-16, and 18-20 remain in the application and have been amended hereby.

Reconsideration is respectfully requested of the rejection of claims 1-4, 6, 13-16, and 18 under 35 USC 103, as being unpatentable over Scheffler in view of Sharples Jr. et al. and Krikorian.

The present invention relates to a highspeed dubbing system in which a first removable disc forms the source material and the digital data is downloaded or transmitted at a high rate, high being greater than the typical playback rate for the first removable disc, to a temporary storage device that includes a hard disc drive where it is written to the hard disc drive at a relatively high rate but less than the rate at which it is downloaded from the source material. Subsequently, the digital data is read-out of the hard disc drive at a rate equal to the read out rate of a second removable disc recording medium. Therefore, the present invention involves two removable discs, one the source and one the target, and a hard disc drive that forms a temporary storage unit. Furthermore, the present invention involves three different transmission rates for use in performing the temporary storage operation. For example, the transmission rate at which the digital data is written to the hard disc drive is necessarily somewhat less than the rate at which the data is transmitted from the source material. In addition, the data is written to the target removable disc record medium at

the rate at which such data would be read-out ultimately from the second removable record medium.

The claims have been amended hereby to emphasize the above-noted features of the present invention.

Scheffler relates to a dubbing system as well in which it is intended to provide an album sized medium that can be generated by selecting various musical or other program materials. The data is originally analog data that is converted to digital data in module 48 and then stored in a master storage unit as digital data. Subsequently, the data is converted back to analog data and recorded on a so-called destination medium. In Scheffler the data is read-out from the source medium at a high speed for storage in the master storage controller.

Scharples Jr. et al. relates to a high-speed dubbing system in which a compact disc is run at a high rate and the output is converted to an analog signal that is then fed to a high-speed analog recorder for recording on tapes, for example. There is no intermediate temporary storage suggested in Scharples Jr. et al. and only one transmission rate is present with the recording rate being the same as the playback rate.

Krikorian relates to a continuous music system in which a central computer contains a hard drive having a relatively large number of musical selections for subsequent playback to computers. Because this is a standard music playback system, the output from the hard disc drive of the central computer is at the normal playback speed for such music. In addition, it

is not suggested that the data be recorded at a high transmission rate in the central computer. In addition, the hard disc drive of the central computer is not shown in Krikorian.

It is respectfully submitted that a benefit to be had by making the proposed adaptation of Scheffler to include selected portions of Sharples Jr. et al. and Krikorian is not shown or suggested in any of the references. There is no suggestion of any benefit to be had by making this adaptation as suggested by the examiner, absent the teaching of the present invention. Moreover, there is no suggestion in any of these references of a system employing three different transmission rates in order to obtain the ultimate second removable disk recording medium having the first removable disk recording medium as the source medium by using an intermediate hard disk drive.

Accordingly, it is respectfully submitted that amended claims 1-4, 6, 13-16, and 18 are not rendered obvious by the combination of references as suggested by the examiner.

Reconsideration is respectfully requested of the rejection of claims 7-12 under 35 USC 103, as being unpatentable over Scheffler in view of Sharples Jr. et al. and Krikorian et al.

Claims 7-12 include the same features of the present invention discussed above relating to a first removable disc recording medium forming the source material and a second removable disc recording medium forming the target medium with

a temporary storage unit including a hard disc drive providing temporary storage of the digital data, and with three separate and distinct transmission rates being employed in the reading out of the data, the temporary storing of the data, and ultimately of the reading out of the data for recordation on the second removable disc recording medium.

It is respectfully submitted as described hereinabove that the combination of Scheffler, Sharples Jr. et al., and Krikorian do not suggest the features of the present invention, as recited in the amended claims.

Reconsideration is respectfully requested of the rejection of claims 19 and 20 under 35 USC 103, as being unpatentable over Scheffler, in view of Sharples Jr. et al. and Krikorian.

Claims 19 and 20 also recite the features of the present invention described above and include the positive recitation of three separate and distinct transmission rates being employed in the digital recording and/or reproducing apparatus.

As pointed out hereinabove, none of the references involve such different and distinct transmission rates and, moreover, there is no suggestion to make the adaptation of Scheffler based on the two secondary references absent the teaching of the present invention.

Accordingly, by reason of the amendments made to the claims hereby, as well as the above remarks, it is respectfully submitted that a digital recording and/or reproducing apparatus, as taught by the present invention and

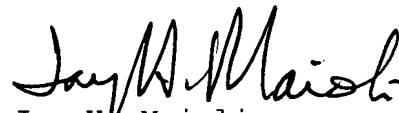
as recited in the amended claims, is neither shown nor suggested in the cited references, alone or in combination.

The references cited as of interest have been reviewed and are not seen to show or suggest the present invention as recited in the amended claims.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,

COOPER & DUNHAM LLP

A handwritten signature in black ink, appearing to read "Jay H. Maioli". The signature is fluid and cursive, with the first name "Jay" and last name "Maioli" clearly distinguishable.

Jay H. Maioli  
Reg. No. 27, 213

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